Installation Guide

www.newstar.eu

NEWSTAR HDMI EXTENDER

Model:
NS121UTP/HDMI

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

* Reorient or relocate the receiving antenna;
* Increase the separation between the equipment and receiver;
* Connect the equipment into an outlet on a circuit different from that which the receiver is connected;
* Consult the dealer or an experienced radio/television technician for help.

CE

NS121UTP/HDMI - HDMI Extender User Guide

Package Contents

1 NS121UTP/HDMI (Local Unit)
1 NS121UTP/HDMI (Remote Unit)
2 Power Adapters
4 Wall Mount Kits
1 User Guide

Requirements

Source Device (s)

- HDMI Type A output connector(s)

Display Device

- A display device or receiver with an HDMI Type A input connector

Cables

- Use HDMI cables to connect the HDMI source and display device to the local and the remote.
- Use Cat 5e/6 cables to connect the local to the remote

Note: Cables are not included in this package. We strongly recommend that you purchase high-quality cables of appropriate length since this will affect the quality of the audio and video display. Contact your dealer to purchase the correct cable sets.

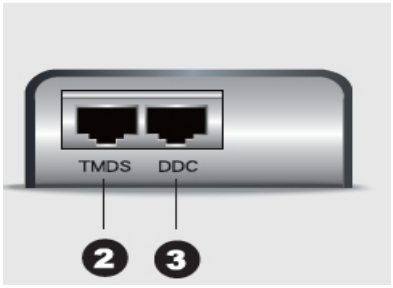
Maximum cable distances are as follows:

40 m at 1080p

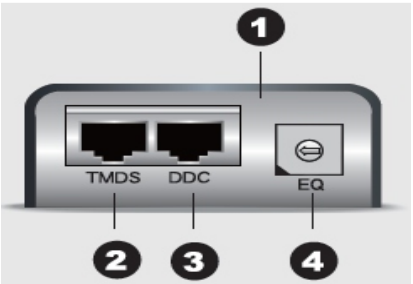
60 m at 1080i

Hardware Review

Local



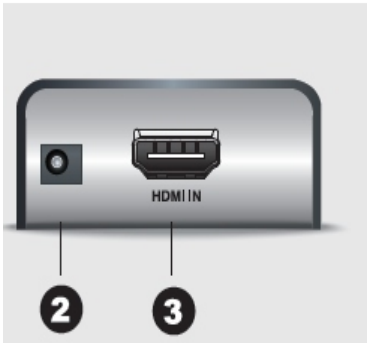
Remote



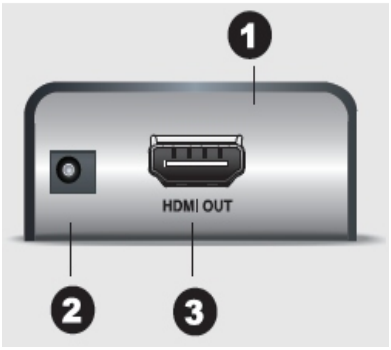
A. NS121UTP/HDMI Left Side View

1. Power LED (top cover)
2. TMDS Port(Transition-Minimized Differential Signaling)
3. DDC Port
4. EQ Switch (remote unit only)

Local



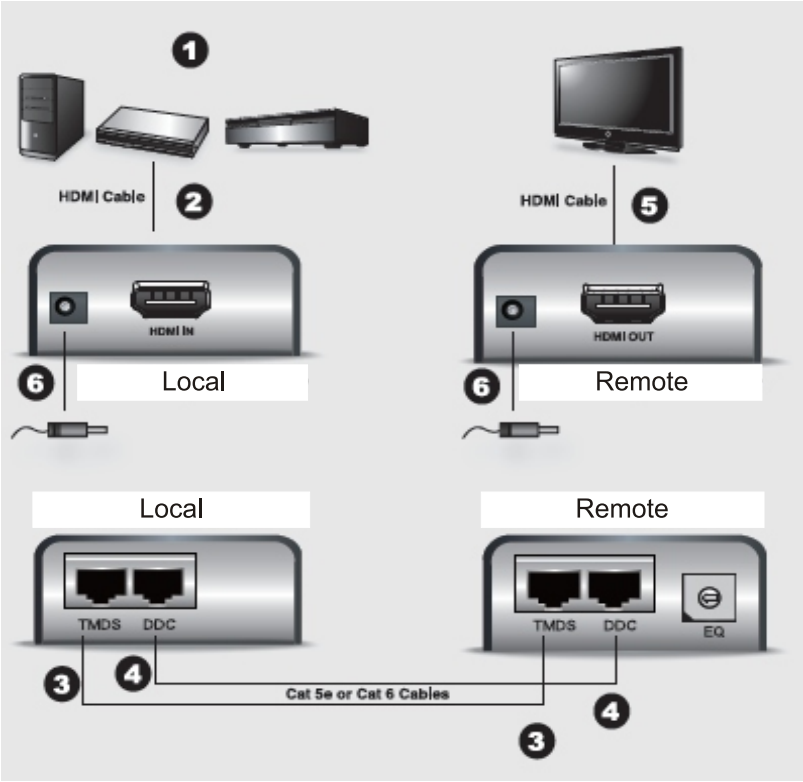
Remote



B. NS121UTP/HDMI Right Side View

1. On Line LED (top cover, remote unit only)
2. Power Jack
3. HDMI In Port (local) / HDMI Out Port (remote)

Hardware Installation



Before beginning the installation procedure, ensure that all equipment to be connected is powered off.

1. Connect one end of the HDMI cable to the HDMI Out port on the source device (e.g. computer or DVD player).
2. Connect the other end of the HDMI cable to the HDMI In port on the local unit.
3. Use one Cat5e/6 cable to connect the DDC port on the local to the DDC port on the remote.
4. Use a second Cat5e/6 cable to connect the TMDS port on the local to the TMDS port on the remote.
5. Plug the monitor's HDMI cable into the HDMI port on the remote.
6. Using the two power adapters supplied with this package, connect the local and the remote to an AC power outlet.
7. Turn on the source and display devices.

Picture Adjustment

Use the EQ switch to adjust the equalization strength to improve a flickering or blinking image.
0 = strongest EQ; 7 = weakest EQ

Specifications

Function			Local unit	Remote unit
Device Connections			1	N/A
Connectors	Display	HDMI Out	N/A	1 x HDMI Type A 19-pin Female
	Device	HDMI In	1 x HDMI Type A 19-pin Female	N/A
	Unit to Unit		2 x RJ-45 Female	
	Power Jack		1 x DC Jack	
Switches	EQ Adjustment		N/A	1 x 8-position switch
LEDs	Power		Orange	Orange
	On Line		N/A	Green
HDMI Resolution			HDTV resolutions: 480p, 720p, 1080i. 1080p (1920 x 1080); PC resolutions: VGA, SVGA, SXGA, UXGA, WUXGA (1920 x 1200)	
Power Consumption			DC5V,1.22W	DC5V,0.95W
Environment	Operation Temp.		0–50°C	
	Storage Temp.		-20°–60°C	
	Humidity		0–80% RH, Non-condensing	
Physical Properties	Housing		Metal	
	Weight		0.16kg	
	Dimensions		9.00x5.50x2.40cm	

Limited Warranty

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY EXCEED THE PRICE PAID FOR THE PRODUCT FROM THE DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, DISK OR ITS DOCUMENTATION.

The direct vendor makes no warranty or representation, expressed, implied, or statutory with respect to the contents or use of this documentation, and specially disclaims its quality, performance, merchantability, or fitness for any particular purpose.

The direct vendor also reserves the right to revise or update the device or documentation without obligation to notify any individual or entity of such revisions, or update. For further inquires please contact your direct vendor.

Installation Guide

www.newstar.eu

NEWSTAR HDMI EXTENDER

Model:
NS121UTP/HDMI